

Converting Colors

Hex(83936A)

Have a look what the booklet for
Hex(83936A) contains.

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Color

Hex(83936A)

Conversions

Conversions Part 1

Format	Color
Hex	83936A
RGB	131, 147, 106
RGB Percent	51%, 58%, 42%
CMY	0.4863, 0.4235, 0.5843
CMYK	0.11, 0.00, 0.28, 0.42
HSL	83°, 16%, 50%
HSV	83°, 28%, 58%
XYZ	22.3953, 26.7333, 17.6154
YIQ	137.5420, 3.6250, -16.1430

Conversions

Conversions Part 2

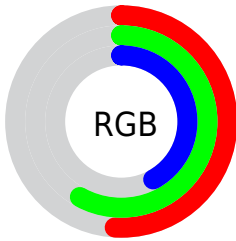
Format	Color
R_{YB}	106, 147, 122
Decimal	8622954
CIE _{Lab}	58.73, -13.27, 19.86
CIE _{LCh}	59, 23.889, 123.759
Yxy	26.7333, 0.3355, 0.4005
Android (android.graphics.Color)	4286813034 (0xFF83936A)
YUV	137.5420, -15.5502, -5.7373
Hunter-Lab	51.7043, -13.1666, 15.9932

Details

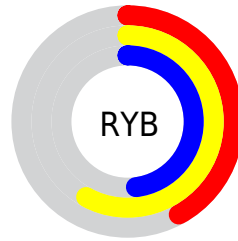
The Hex color **83936A** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7A6A93**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **B8C99E**, and **51603A** is the 20% darker color. If you saturate the color by 10%, you get **7D935B**, and if you desaturate by 10%, it is **899379**.

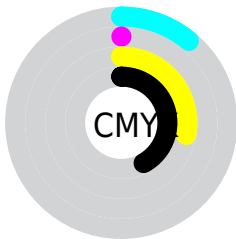
Distribution



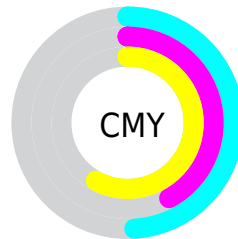
- Red (51%)
- Green (58%)
- Blue (42%)



- Red (42%)
- Yellow (58%)
- Blue (48%)



- Cyan (11%)
- Magenta (0%)
- Yellow (28%)
- Black (42%)



- Cyan (49%)
- Magenta (42%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83936A changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 83936A by changing the saturation by 10% instead.



83936A



83936A

FFFFFF



6A7952



B8C99E



51603A



D4E5B9



3A4924



F1FFD4



23320F



FFFFF1



0E1D00



000000



83936A



83936A



7D935B



899379



78934D



8E9387

 72933E

 949396

 6C932F

 9A93A5

 669321

 A093B4

 619312

 A593C2

 5B9303

 AB93D1

 5A9300

 B193E0

 B793EE

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9A8D63



83936A



6B977A

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83936A



5B94B2



B67E8B

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



83936A



7A6A93

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



AA81A0



83936A



778EB7

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83936A



4D98A4



9487B0



B68077

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83936A



5C9988



9487B0



B47E93

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



83936A



B9BFB0



937A6A



5D6157



E0E0E0



616161

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



83936A



A7BF80



6F936A



474A43



548A00



060A00

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



7A6A93



9980BF



8E6A93



45434A



36008A



04000A

Previews

White Background



This preview shows how the Hex color 83936A looks on a white background.

Color Contrast Check

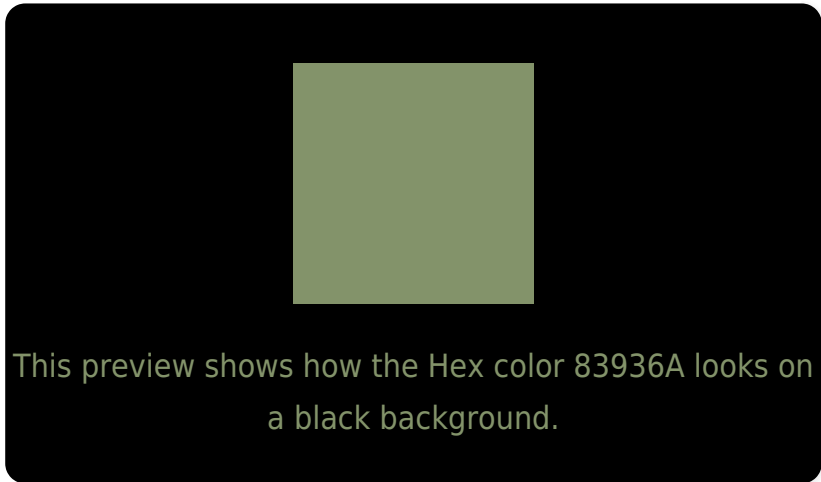
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

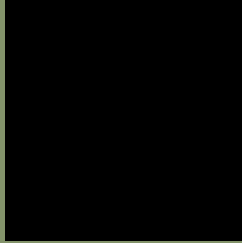
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 83936A Background



This preview shows how black text looks on a background with the Hex color 83936A.

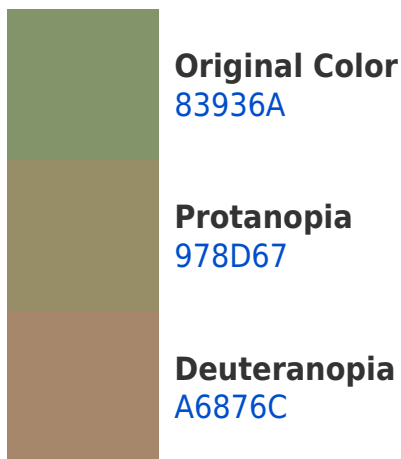


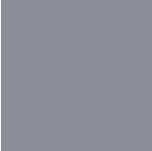
This preview shows how white text looks on a background with the Hex color 83936A.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
8A8D98

Trichromacy



Original Color
83936A

Protanomaly
908F68

Deuteranomaly
998B6B

Tritanomaly
878F87

Monochromacy



Original Color
83936A

Achromatopsia
8A8A8A

Achromatomaly
878D7E

CSS Examples

Text

The CSS property to change the color of the text to Hex 83936A is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #83936A looks like.

```
.text, #text, p{  
    color:#83936A  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #83936A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83936A
}
```

Border

The CSS property to change the border of an element to Hex 83936A is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#83936A }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#83936A }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #83936A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83936A; -webkit-box-shadow:4px 4px  
4px 4px #83936A; box-shadow:4px 4px 4px  
4px #83936A }
```

Background

The CSS property to change the background color of an element to Hex 83936A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83936A }
```

If only the background color should be changed can be used:

```
.background{ background-color:#83936A }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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